INTERNATIONAL SEARCH REFUNT

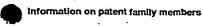
CLASSIFICATION OF SUBJECT MATTER G11B20/14 G11B20/10 . G11B27/30 IPC 7 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 **G11B** Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-4,8,9X PATENT ABSTRACTS OF JAPAN 12, 16, 17 vol. 2002, no. 12, 12 December 2002 (2002-12-12) -& JP 2002 216424 A (RICOH CO LTD), 2 August 2002 (2002-08-02) 5 the whole document 1,12 PATENT ABSTRACTS OF JAPAN A vol. 1996, no. 05, 31 May 1996 (1996-05-31) & JP 8 007468 A (TOSHIBA CORP; others: 01), 12 January 1996 (1996-01-12) abstract 5 EP 1 150 291 A (SONY CORP) Α 31 October 2001 (2001-10-31) abstract claims 3,13 Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone 'Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 08/09/2004 23 July 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, .Sucher, R Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REFUNT

International Application No
FI/EP2004/004406

		FE1/EP2004/004406			
	tion) DOCUMENTS CONSIDERED TO BE RELEVANT		15		
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	•	Relevant to claim No.		
	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 266493 A (SONY CORP), 28 September 2001 (2001-09-28) abstract		5		
-					
	· .				
•					

INTERNATIONAL SEARCH REPORT



International Application No

Patent document cited in search report		Publication date	፟.	Patent family member(s)	Publication date
JP _. 2002216424	Α	02-08-2002	NONE		
JP 8007468	Α	12-01-1996	NONE		
EP 1150291	A	31-10-2001	JP CN EP US	2001297523 A 1335617 A 1150291 A2 2001030922 A1	26-10-2001 13-02-2002 31-10-2001 18-10-2001
JP 2001266493	Α	28-09-2001	NONE		